

SECRET

SECRET

REPORT

50X1-HUM

CD NO.

COUNTRY USSR

SUBJECT Economic; Technological - Electric industry

DATE OF
INFORMATION 1949 - 1950

HOW PUBLISHED Daily newspapers

DATE DIST. 6 Apr 1950

WHERE
PUBLISHED USSR

NO. OF PAGES 3

DATE
PUBLISHED 16 Dec 1949 - 10 Jan 1950

SUPPLEMENT TO
REPORT NO.

LANGUAGE Russian

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 50 U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated.

SCORES SLOW INTRODUCTION OF HIGH-FREQUENCY HEATING;
BUILD NEW ELECTRIC MOTORS

DISORGANIZATION PLAGUES HIGH-FREQUENCY PROCESSING -- Leningradskaya Pravda, No 8,
10 Jan 50

The introduction of high-frequency electric heating of metals is still lagging in Leningrad industries. The Northwest Industrial Electric Furnaces Trust of the Ministry of Electrical Industry continues to neglect production of high-frequency equipment. Units are still being made by the enterprises themselves in a hit-or-miss manner. Standardized generators, measuring devices, transformers, tempering machines, and a wide variety of parts are lacking.

Many plants pay lip service to high-frequency methods and do nothing concrete about introducing them. The Kirov Plant and the Plant imeni Lenin are among these. Other plants delay because they consider the volume of parts to be processed too small to warrant adoption of a new method. The plants under the Lengazapparatura Trust are guilty in this respect.

The shortage of skilled personnel in the field has been partially relieved by courses which have been begun at the Plant imeni Stalin, imeni Kirov, the Elektrosila Plant and the Kirov Plant, but the need is still acute.

General responsibility for the lack of organization in this vital field lies with the Ministry of Electrical Industry.

50X1-HUM

TURN TO NEW PRODUCTS -- Izvestiya, No 309, 31 Dec 49

The L'vov Electric Bulb Plant, which put out hundreds of thousands of bulbs in excess of plan during 1949, has begun to produce fluorescent bulbs.

- 1 -

CLASSIFICATION

SECRET

SECRET

[illegible]

SECRET
SECRET

50X1-HUM

NEW MOTORS TO GO INTO SERIES PRODUCTION -- Sovetskaya Latvya, No 308, 31 Dec 49

During 1949 the Moscow Plant imeni Vladimir Il'ich doubled its output over the preceding year, putting 20 new types of motors into series production. In January series production of vertical motors designed for operation in mines under conditions of excessive dampness will begin.

Vechernyaya Moskva, No 309, 31 Dec 49

The Plant imeni Vladimir Il'ich is now using a new compound die for stamping rotor and stator plates for the electric motors it makes for the petroleum and coal industries. The new die makes the plates with a single impression where dozens were formerly required.

Krasnaya Zvezda, No 3, 4 Jan 50

The assembly shop of the Moscow Electrical Machine-Building Plant imeni Vladimir Il'ich is now testing the new AO-83 electric motor. This series is designed for use in moulding shops, sawmills, and textile mills. Serial production will begin when tests are completed.

Designers Vlasov, Khazanov, and Shurygin are now working out plans for a new electric motor to be used in drilling oil wells.

PLANT HAS BIG GAINS IN PRODUCTION, INCOME -- Sovetskaya Latvya, No 308, 31 Dec 49

The output of electric lighting apparatus by the Riga Electric Armature Plant was boosted 93 percent during 1949 over the preceding year's record, and one-half million above-plan rubles were turned over to the state.

BEGINS OUTPUT OF FREQUENCY METERS -- Vechernyaya Moskva, No 3, 4 Jan 50

Today the Moscow Energopribor Plant completed its first consignment of frequency meters. The meters are for use in electric power plants and substations. Another new product is a "relay-timer," an instrument for use in automatic control units of electric power plants and industrial installations.

Due for production sometime in 1950 is a new micro-ohmmeter. The instrument is to be used by power-line workers to measure resistances at contact points along high-tension lines.

RADIO PLANT PRODUCES ON 1950 QUOTA -- Krasnyy Flot, No 306, 28 Dec 49

The Minsk Radio Plant imeni Molotov has produced 6,000 radio receiving sets on its 1950 quota. Half of these were manufactured from material which had been saved through efficiency measures.

PRODUCE MARKING GAGES -- Trud, No 296, 16 Dec 49

The Kharkov Electric Machinery Plant is one of the leading industrial enterprises in that city and was among the first in the city to complete the Five-Year Plan.

The use of gages for marking generator dash panels at the plant has cut the time required for this operation from 3½ hours to 15 minutes. Approximately 200 such gages have already been manufactured. They improve the quality of product and permit output of work without rejects.

- 2 -

SECRET

SECRET

SECRET

SECRET

50X1-HUM

PRODUCTION BOOSTED BY IMPROVED TECHNOLOGY -- Leningradskaya Pravda, No 308, 31 Dec 49

Production has been steadily growing at the Leningrad Sevkabel' Plant. During 1947, output went up 143 percent over 1946, rose 214 percent during 1948, and 249 percent over 11 months of 1949. Technological innovations include the replacement of diamond wire-drawing dies with pobedit alloy dies, and increasing the purity of insulation plastics by forcing them through a special strainer.

Mass-produced wire for Leningrad industries is now coated with a lacquer of very high mechanical strength. Nichrome wire of .04-millimeter diameter is being drawn at the plant.

Three electric cars have been made at the plant for intershop transport of cable drums, and a 20-ton bridge crane is being set up for operation.

TO MAKE ELECTRIC MOTORS, FIRE EXTINGUISHERS -- Sovetskaya Estoniya, No 8, 10 Jan 50

This year, the Tallin "Oom" Artel will begin production of low-power electric motors for textile machines, pumps, and ventilating apparatus.

The Tallin "Sidur" Plant is beginning production of chemical fire extinguishers.

SCORES LONG-DISTANCE SHIPMENTS OF BATTERIES -- Sovetskaya Latvija, No 308, 31 Dec 49

Flashlight batteries shipped to Riga from other cities such as Leninsk-Kuznetsk take so long to arrive that as much as one-half their useful life is consumed during shipment. This situation could be remedied by either producing them here in the "VEF" Plant, which made them formerly, or by producing them in another local plant.

INNOVATIONS SAVE MONEY, METAL -- Kommunist, No 1, 1 Jan 50

The Yerevan Electric Machine-Building Plant, three-time winner of the Transferable Red Banner of the Ministry of Electrical Industry, has greatly profited from innovations put into effect during 1949.

Saving of 1,250,000 rubles, 200,000 man-hours, 270 tons of ferrous metals, 22 tons of nonferrous metals, and large amounts of power, gas, and other fuels were realized. The use of scrap from pipe manufacture connected with making TM 180/6 transformers saved the plant 45,000 rubles' worth of materials, while a change in the size of billets for aluminum items saved 112,000 rubles in the salvage shop. Mechanization of gluing steel plates for transformers has doubled labor productivity in that field.

Kommunist, No 3, 4 Jan 50

The output of the Yerevan Cable Plant is scheduled for a 75-percent boost during 1950. January 1950 production alone is to be twice that of January 1949.

- E N D -

- 3 -

SECRET

SECRET